

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,164,493 B1
APPLICATION NO. : 09/434404
DATED : January 16, 2007
INVENTOR(S) : Atsushi Matsumoto et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, Item (56) U.S. Patent Documents

“5,728,637” should read --5,729,637--.

COLUMN 5

Line 20, “rectangles-having” should read --rectangles having--; and
Line 33, “to 1” should read --to 1, and--.

COLUMN 12

Line 8, “1 st” should read --1st--.

COLUMN 13

Line 41, “1 st” should read --1st--.

COLUMN 14

Line 37, “1 st” should read --1st--.

COLUMN 15

Line 9, “1 st” should read --1st--; and
Line 56, “blank” should read --black--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,164,493 B1
APPLICATION NO. : 09/434404
DATED : January 16, 2007
INVENTOR(S) : Atsushi Matsumoto et al.

Page 2 of 2

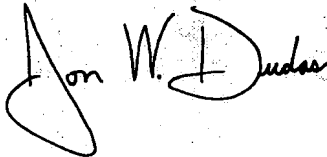
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 20

Line 24, "a" should be deleted.

Signed and Sealed this

Twenty-seventh Day of November, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS

Director of the United States Patent and Trademark Office